AMENDMENT TO THE CLAIMS

A listing of the claims presented in this patent application appears below. This listing replaces all prior versions and listing of claims in this patent application.

Claims 1-12 (cancelled).

Claim 13 (currently amended): A method of making an electrolytic capacitor[[,]] comprising:

~~a step of~~ making a capacitor precursory body comprising an anode foil, a cathode foil and a separator sandwiched between said anode and said cathode foils;

~~a step of~~ impregnating ~~a starting liquid of a polymer electrolyte composite to~~ said capacitor precursory body with a starting liquid of a polymer electrolyte composite[[,]] ~~thereby~~ to make a starting electrolytic capacitor element; and

~~a step of~~ curing said starting liquid of said polymer electrolyte composite in said starting electrolytic capacitor element to form a copolymer of acrylic derivatives,

wherein said starting liquid of polymer electrolyte composite comprises a mixture of:

an electrolyte solution comprising a polar solvent and a solute comprising at least one of inorganic acids, organic acids [[and]] or salts of both of said acids;

a first monomer of at least one of a group of monofunctional monomers of acrylic derivatives each having at least one hydroxyl group at a terminal thereof and a polymerizable unsaturated double bond; and

a second monomer of at least one of a group of multifunctional monomers of acrylic derivatives each having plural polymerizable unsaturated double bond.

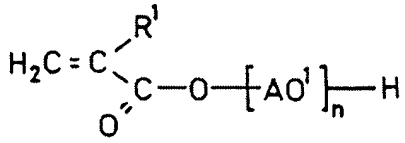
Claim 14 (new): The polymer electrolyte composite according to claim 13, wherein said copolymer of acrylic derivatives constitutes a copolymer matrix, and said electrolyte is incorporated in said copolymer matrix.

Claim 15 (new): The polymer electrolyte composite according to claim 13, wherein said copolymer of acrylic derivative contains a polyoxylalkylene group.

Claim 16 (new): The polymer electrolyte composite according to claim 13, wherein said solute is free of metal salts as cations.

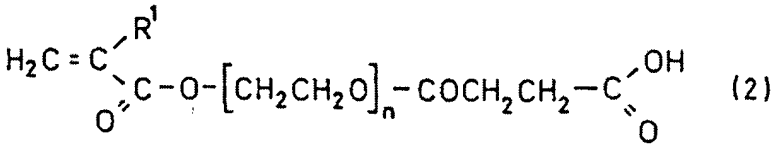
Claim 17 (new): The polymer electrolyte composite according to claim 13, wherein said solute comprises at least one salt selected from the group consisting of ammonium salts, amine salts and amidine salts.

Claim 18 (new): The polymer electrolyte composite according to claim 13, wherein said at least one of a group of monofunctional monomers are acrylic derivatives expressed by the following Formulas (1) to (4), and said at least one of a group of multifunctional monomers are acrylic derivatives expressed by the following Formulas (5) to (16):



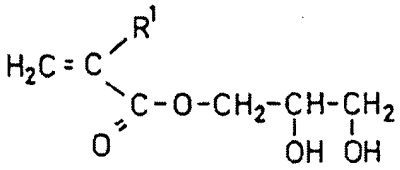
(1)

where R^1 is H or an alkyl group having 1 to 5 carbon atoms, AO^1 is an oxyalkylene group having 2 to 4 carbon atoms, and n is 1 to 200, on average, of oxyalkylene group having 2 to 4 carbon atoms;



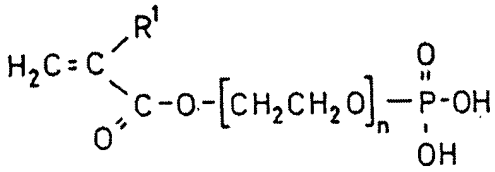
(2)

where R^1 is H or an alkyl group having 1 to 5 carbon atoms, and n is 1 to 200, on average, of oxyalkylene group having 2 carbon atoms;



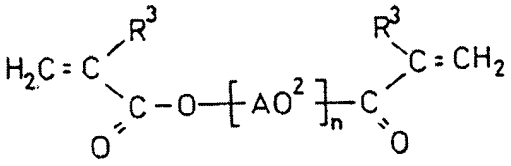
(3)

where R^1 is H or an alkyl group having 1 to 5 carbon atoms;



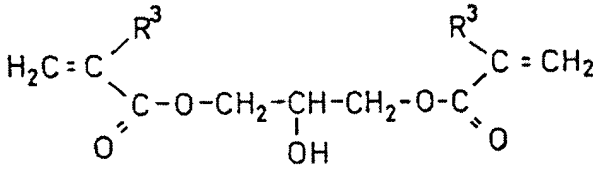
(4)

where R^1 is H or an alkyl group having 1 to 5 carbon atoms, and n is 1 to 200, on average, of oxyalkylene group having 2 carbon atoms;



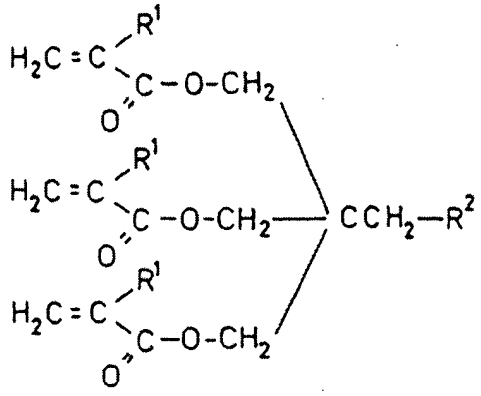
(5)

where R^3 is H or an alkyl group having 1 to 5 carbon atoms, AO^2 is an oxyalkylene group having 2 to 4 carbon atoms, and n is 1 to 200, on average, of oxyalkylene group having 2 to 4 carbon atoms;



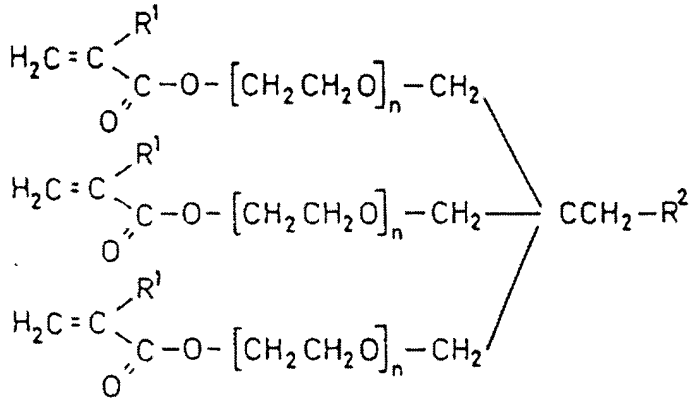
(6)

where R^3 is H or an alkyl group having 1 to 5 carbon atoms;



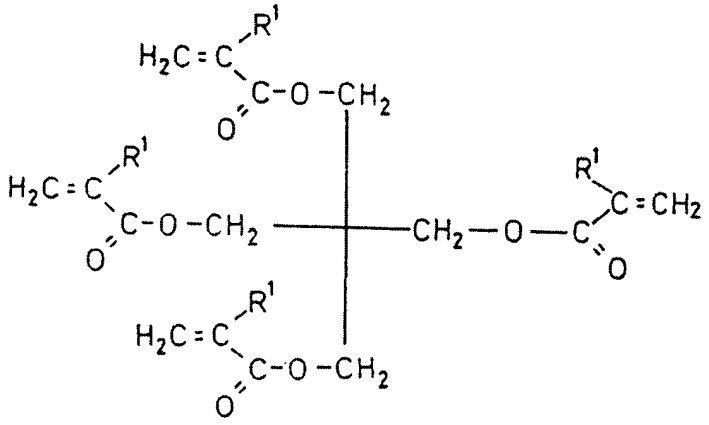
(7)

where R^1 and R^2 are each independently H or an alkyl group having 1 to 5 carbon atoms;



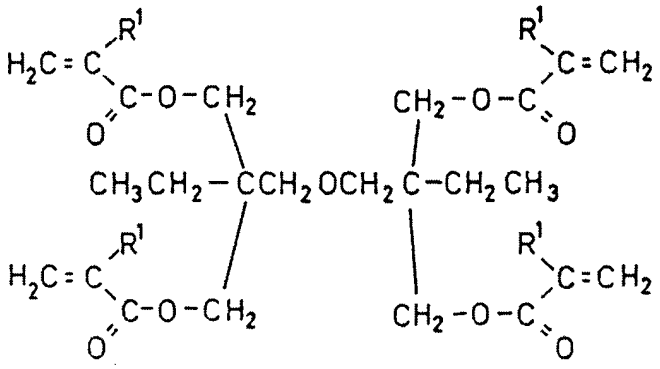
(8)

where R^1 and R^2 are each independently H or an alkyl group having 1 to 5 carbon atoms; and l, m and n are each 1 to 200, on average, of oxyalkylene group having 2 carbon atoms;



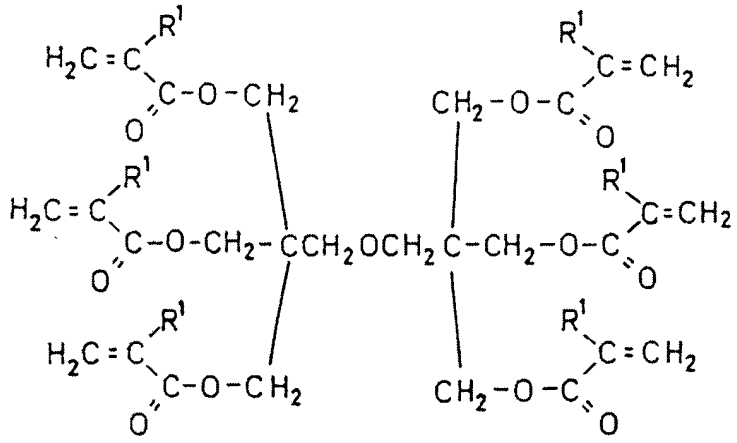
(9)

where R^1 is H or an alkyl group having 1 to 5 carbon atoms;



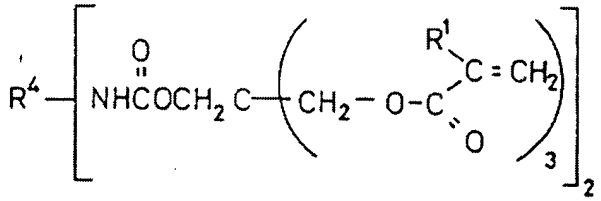
(10)

where R^1 is H or an alkyl group having 1 to 5 carbon atoms;



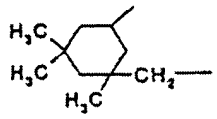
(11)

where R^1 is H or an alkyl group having 1 to 5 carbon atoms;

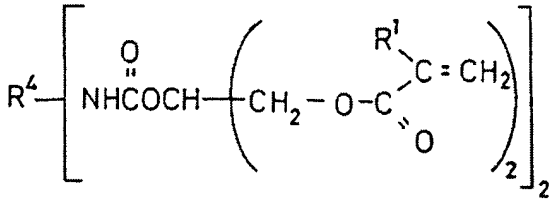


(12)

where R^1 is H or an alkyl group having 1 to 5 carbon atoms, R^4 is $-(CH_2)_n-$, $-(C_2H_4O)_n-$ or

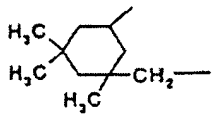


and n is 1 to 9;

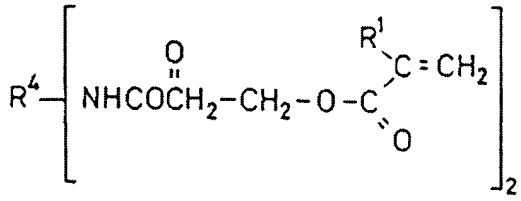


(13)

where R^1 is H or an alkyl group having 1 to 5 carbon atoms, R^4 is $-(CH_2)_n-$, $-(C_2H_4O)_n-$ or

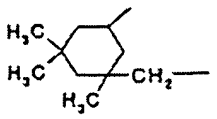


and n is 1 to 9;

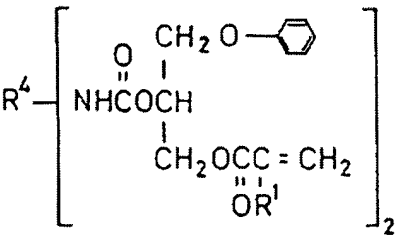


(14)

where R^1 is H or an alkyl group having 1 to 5 carbon atoms, R^4 is $-(CH_2)_n-$, $-(C_2H_4O)_n-$ or

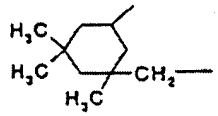


and n is 1 to 9;

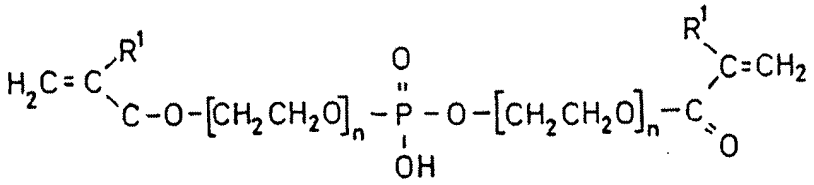


(15)

where R^1 is H or an alkyl group having 1 to 5 carbon atoms, R^4 is $-(CH_2)_n-$, $-(C_2H_4O)_n-$ or



and n is 1 to 9; and



(16)

where R^1 is H or an alkyl group having 1 to 5 carbon atoms, and n is 1 to 9.

Claim 19 (new): The polymer electrolyte composite according to claim 13, wherein the weight ratio of said first monomer to said second monomer is from 100:3 to 3:100.

Claim 20 (new): The polymer electrolyte composite according to claim 13, wherein the sum weight of said solute and said copolymer of acrylic derivative contains said copolymer in an amount of 5 to 50 wt%.